

Mission Timeline for Launch Saturday, Nov. 14 at 7:49:49 p.m. EST

MET	Time	Event
-12:30:00	7:19:49 AM	Crew Wake
-05:30:00	2:19:49 PM	CE Launch Readiness Briefing
-05:00:00	2:49:49 PM	Launch Shift On Console
-04:59:59	2:49:50 PM	Dragon IMU align and Configure for launch
-04:30:00	3:19:49 PM	Dragon prop pressurization
-04:15:00	3:34:49 PM	Crew weather brief
-04:05:00	3:44:49 PM	Crew handoff
-04:00:00	3:49:49 PM	Suit donning and checkouts
-03:22:00	4:27:49 PM	Crew walk out from Neil Armstrong Operations & Checkout Building
-03:15:00	4:34:49 PM	Crew Transportation to Launch Complex 39A
-02:55:00	4:54:49 PM	Crew arrives at pad
-02:35:00	5:14:49 PM	Crew ingress
-02:20:00	5:29:49 PM	Communication check
-02:15:00	5:34:49 PM	Verify ready for seat rotation
-02:14:00	5:35:49 PM	Suit leak checks
-01:55:00	5:54:49 PM	Hatch close
-01:10:00	6:39:49 PM	ISS state upload to Dragon
-00:45:00	7:04:49 PM	SpaceX Launch Director verifies go for propellant load
-00:42:00	7:07:49 PM	Crew access arm retracts
-00:37:00	7:11:49 PM	Dragon launch escape system is armed
-00:35:00	7:14:49 PM	RP-1 (rocket grade kerosene) loading begins 1st stage LOX (liquid oxygen) loading begins
-00:16:00	7:33:49 PM	2nd stage LOX loading begins
-00:07:00	7:42:49 PM	Falcon 9 begins engine chill prior to launch
-00:05:00	7:44:49 PM	Dragon transitions to internal power
-00:01:00	7:48:49 PM	Command flight computer to begin final prelaunch checks Propellant tank pressurization to flight pressure begins
-00:00:45	7:49:04 PM	SpaceX Launch Director verifies go for launch
-00:00:03	7:49:46 PM	Engine controller commands engine ignition sequence to start
+0/00:00:00	7:49:49 PM	Liftoff
+00:00:58	7:50:47 PM	Max Q (moment of peak mechanical stress on the rocket)
+00:02:37	7:52:26 PM	1st stage main engine cutoff (MECO)
+00:02:40	7:52:29 PM	1st and 2nd stages separate
+00:02:48	7:52:37 PM	2nd stage engine starts
+00:07:29	7:57:18 PM	1st stage entry burn
+00:08:50	7:58:39 PM	2nd stage engine cutoff (SECO-1)
+00:08:59	7:58:48 PM	1st stage entry burn
+00:09:29	7:59:18 PM	1st stage landing
+00:12:03	8:01:52 PM	Crew Dragon separates from 2nd stage
+00:12:48	8:02:37 PM	Dragon nosecone open sequence begins